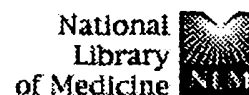


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L24	L23 AND Alzheimer	168	L24
L23	(lysosome AND L20)	376	L23
L22	L21 AND Alzheimer	86	L22
L21	L17 AND L20	103	L21
L20	chloroquine OR N-CBZ-phenylalanyl-L-alanine-diazomethyl ketone OR beta-amyloid OR N-CBZ-phenylalanyl-L-phenylalanine-diazomethyl ketone	4686	L20
L19	L18 AND rodent	0	L19
L18	L17 AND Alzheimer	230	L18
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L14	L11 AND slice-culture	0	L14
L13	L12	208002	L13
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L12	L11 AND slice culture	208002	L12
L11	L10 AND Alzheimer	1215	L11
L10	L9 AND rodent	4551	L10
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L8	((435/325)!.CCLS.)	12042	L8
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L6	Bi-Xiaoning.IN.	2	L6
L5	Bi.IN.	911	L5
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<i>DB=; PLUR=YES; OP=OR</i>			
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TGF-beta1 induces accumulation of dendritic cells in the odontoblast layer.
J Dent Res. 2003 Aug;82(8):652-6.
PMID: 12885853 [PubMed - indexed for MEDLINE]

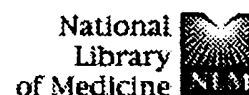
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Lysosomal activation is a compensatory response against protein accumulation and associated synaptopathogenesis--an approach for slowing Alzheimer disease?
J Neuropathol Exp Neurol. 2003 May;62(5):451-63.
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Lysosomal dysfunction reduces brain-derived neurotrophic factor expression.
Exp Neurol. 1998 Mar;150(1):128-35.
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Brain damage results in down-regulation of N-acetylaspartate as a neuronal osmolyte.

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Organotypic slice cultures from transgenic mice as disease model systems.

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☐ 4: [Humpel C, Weis C.](#)[Related Articles, Links](#)

Nerve growth factor and cholinergic CNS neurons studied in organotypic brain slices. Implication in Alzheimer's disease?

J Neural Transm Suppl. 2002;(62):253-63.

PMID: 12456068 [PubMed - indexed for MEDLINE]

☐ 5: [Teter B, Xu PT, Gilbert JR, Roses AD, Galasko D, Cole GM.](#)[Related Articles, Links](#)

Defective neuronal sprouting by human apolipoprotein E4 is a gain-of-negative function.

J Neurosci Res. 2002 May 1;68(3):331-6.

PMID: 12111863 [PubMed - indexed for MEDLINE]

☐ 6: [Baskys A, Adamchik Y.](#)[Related Articles, Links](#)

Neuroprotective effects of extracellular glutamate are absent in hippocampal organotypic cultures treated with the amyloid peptide Abeta(25-35).

Brain Res. 2001 Jul 13;907(1-2):188-94.

PMID: 11430902 [PubMed - indexed for MEDLINE]

☐ 7: [Clapp-Lilly KL, Smith MA, Perry G, Harris PL, Zhu X, Duffy LK.](#)[Related Articles, Links](#)


Melatonin acts as antioxidant and pro-oxidant in an organotypic slice culture model of Alzheimer's disease.


Neuroreport. 2001 May 8;12(6):1277-80.


PMID: 11338206 [PubMed - indexed for MEDLINE]

☐ 8: [Clapp-Lilly KL, Smith MA, Perry G, Duffy LK.](#)[Related Articles, Links](#)


Melatonin reduces interleukin secretion in amyloid-beta stressed mouse

 **brain slices.**
Chem Biol Interact. 2001 Mar 14;134(1):101-7.
PMID: 11248225 [PubMed - indexed for MEDLINE]


 **9:** [Teter B, Xu PT, Gilbert JR, Roses AD, Galasko D, Cole GM](#) [Related Articles, Links](#)





 **Human apolipoprotein E isoform-specific differences in neuronal sprouting in organotypic hippocampal culture.**
J Neurochem. 1999 Dec;73(6):2613-6.
PMID: 10582625 [PubMed - indexed for MEDLINE]

 **10:** [Bruce AJ, Malfroy B, Baudry M](#) [Related Articles, Links](#)

 **beta-Amyloid toxicity in organotypic hippocampal cultures: protection by EUK-8, a synthetic catalytic free radical scavenger.**
Proc Natl Acad Sci U S A. 1996 Mar 19;93(6):2312-6.
PMID: 8637869 [PubMed - indexed for MEDLINE]

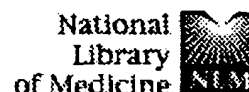
 **11:** [Diekmann S, Nitsch R, Ohm TG](#) [Related Articles, Links](#)

 **The organotypic entorhinal-hippocampal complex slice culture of adolescent rats. A model to study transcellular changes in a circuit particularly vulnerable in neurodegenerative disorders.**
J Neural Transm Suppl. 1994;44:61-71.
PMID: 7897400 [PubMed - indexed for MEDLINE]

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Neurosci Lett. 1990 Oct 30;119(1):71-4.

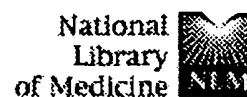
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J Exp Zool. 1983 Mar;225(3):423-31.

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Tumor necrosis factor-alpha triggers cell death of sensitized potassium chloride-stimulated cholinergic neurons.
Brain Res Mol Brain Res. 2003 May 12;113(1-2):78-85.
PMID: 12750009 [PubMed - indexed for MEDLINE]

☐ 2: [Duff K, Noble W, Gaynor K, Matsuoka Y.](#) Related Articles, Links

Organotypic slice cultures from transgenic mice as disease model systems.
J Mol Neurosci. 2002 Dec;19(3):317-20.
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J Neural Transm Suppl. 2002;(62):253-63.
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☐ 5: [Teter B, Xu PT, Gilbert JR, Roses AD, Galasko D, Cole GM.](#) Related Articles, Links

Defective neuronal sprouting by human apolipoprotein E4 is a gain-of-negative function.
J Neurosci Res. 2002 May 1;68(3):331-6.
PMID: 12111863 [PubMed - indexed for MEDLINE]

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Marked increase in cyclooxygenase-2 in ALS spinal cord: implications for therapy.
Neurology. 2001 Sep 25;57(6):952-6.
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☐ 7: [Baskys A, Adamchik Y.](#) Related Articles, Links


Neuroprotective effects of extracellular glutamate are absent in hippocampal organotypic cultures treated with the amyloid peptide Abeta(25-35).
Brain Res. 2001 Jul 13;907(1-2):188-94.
PMID: 11430902 [PubMed - indexed for MEDLINE]

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Beta-amyloid activates the mitogen-activated protein kinase cascade via hippocampal alpha7 nicotinic acetylcholine receptors: In vitro and in vivo mechanisms related to Alzheimer's disease.


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PMID: 11404397 [PubMed - indexed for MEDLINE]


-  **9:** [Clapp-Lilly KL, Smith MA, Perry G, Harris PL, Zhu X, Duffy LK.](#) [Related Articles, Links](#)

 **Melatonin acts as antioxidant and pro-oxidant in an organotypic slice culture model of Alzheimer's disease.**
Neuroreport. 2001 May 8;12(6):1277-80.
PMID: 11338206 [PubMed - indexed for MEDLINE]


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
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Chem Biol Interact. 2001 Mar 14;134(1):101-7.
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
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-  **12:** [Weltzien RB, Pachter JS.](#) [Related Articles, Links](#)

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 **Human apolipoprotein E isoform-specific differences in neuronal sprouting in organotypic hippocampal culture.**
J Neurochem. 1999 Dec;73(6):2613-6.
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-  **14:** [Lambert MP, Barlow AK, Chromy BA, Edwards C, Freed R, Liosatos M, Morgan TE, Rozovsky I, Trommer B, Viola KL, Wals P, Zhang C, Finch CE, Krafft GA, Klein WL.](#) [Related Articles, Links](#)

 **Diffusible, nonfibrillar ligands derived from Abeta1-42 are potent central nervous system neurotoxins.**
Proc Natl Acad Sci U S A. 1998 May 26;95(11):6448-53.
PMID: 9600986 [PubMed - indexed for MEDLINE]


-  **15:** [Storey E, Beyreuther K, Masters CL.](#) [Related Articles, Links](#)

 **Alzheimer's disease amyloid precursor protein on the surface of cortical neurons in primary culture co-localizes with adhesion patch components.**
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-  **16:** [London JA, Biegel D, Pachter JS.](#) [Related Articles, Links](#)

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PMID: 8633031 [PubMed - indexed for MEDLINE]

-  **17:** [Bruce AJ, Malfroy B, Baudry M.](#) [Related Articles, Links](#)

 **beta-Amyloid toxicity in organotypic hippocampal cultures: protection by EUK-8, a synthetic catalytic free radical scavenger.**

Proc Natl Acad Sci U S A. 1996 Mar 19;93(6):2312-6.
PMID: 8637869 [PubMed - indexed for MEDLINE]

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The organotypic entorhinal-hippocampal complex slice culture of adolescent rats. A model to study transcellular changes in a circuit particularly vulnerable in neurodegenerative disorders.

J Neural Transm Suppl. 1994;44:61-71.

PMID: 7897400 [PubMed - indexed for MEDLINE]

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447914 CULTURE

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577 SLICE CULTURE

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1 ORGANOTYPICS

1473 ORGANOTYPIC

(ORGANOTYPIC OR ORGANOTYPICS)

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2538 CATHEPSINS

13126 CATHEPSIN

(CATHEPSIN OR CATHEPSINS)

2024674 D

4303 CATHEPSIN D

(CATHEPSIN(W)D)

L2 1 L1 AND CATHEPSIN D

=> D L2

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AN 2000:869384 CAPLUS

DN 134:279021

TI Prolactin up-regulates cathepsin B and D expression in minor salivary glands of patients with Sjogren's syndrome

AU Steinfeld, Serge; Maho, Arielle; Chaboteaux, Carole; Daelemans, Philippe; Pochet, Roland; Appelboom, Thierry; Kiss, Robert

CS Divisions of Rheumatology, Erasme University Hospital, Brussels, Belg.

SO Laboratory Investigation (2000), 80(11), 1711-1720

CODEN: LAINAW; ISSN: 0023-6837

PB Lippincott Williams & Wilkins

DT Journal

LA English

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=> S L1 AND Alzheimer

27108 ALZHEIMER

1975 ALZHEIMERS

27149 ALZHEIMER

(ALZHEIMER OR ALZHEIMERS)

L3 39 L1 AND ALZHEIMER

=> D L3 1-39

L3 ANSWER 1 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:364685 CAPLUS

DN 139:148214

TI Tumor necrosis factor-.alpha. triggers cell death of sensitized potassium chloride-stimulated cholinergic neurons

AU Zassler, Birgit; Weis, Carla; Humpel, Christian

CS Department of Psychiatry, Laboratory of Psychiatry, University Hospital Innsbruck, Innsbruck, A-6020, Austria

SO Molecular Brain Research (2003), 113(1-2), 78-85

CODEN: MBREE4; ISSN: 0169-328X

PB Elsevier Science B.V.

DT Journal

RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:153943 CAPLUS
DN 138:349044
TI Nerve growth factor and cholinergic CNS neurons studied in
organotypic brain slices. Implication in ***Alzheimer***'s
disease?
AU Humpel, C.; Weis, C.
CS Laboratory of Psychiatry, Department of Psychiatry, University Hospital,
Innsbruck, Austria
SO Journal of Neural Transmission, supplement (2002), 62(Ageing and
Dementia), 253-263
CODEN: JNTSD4; ISSN: 0303-6995
PB Springer-Verlag Wien
DT Journal
LA English

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:59750 CAPLUS
DN 138:253007
TI Selective neuronal degeneration induced by soluble oligomeric amyloid
beta-protein
AU Kim, Hyeon-Jin; Chae, Soo-Cheon; Lee, Dae-Kwon; Chomy, Brett; Lee, Sam
Cheol; Park, Yeong-Chul; Klein, William L.; Krafft, Grant A.; Hong,
Seong-Tshool
CS Research Division, Jinis Biopharmaceuticals Co, Chonju, Chonbuk, 561-712,
S. Korea
SO FASEB Journal (2003), 17(1), 118-120, 10.1096/fj.01-0987fje
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:27538 CAPLUS
DN 138:235637
TI ***Organotypic*** ***slice*** ***cultures*** from transgenic
mice as disease model systems
AU Duff, Karen; Noble, Wendy; Gaynor, Kayte; Matsuoka, Yasuji
CS Nathan Kline Institute and Department of Psychiatry, New York University,
Orangeburg, NY, 10962, USA
SO Journal of Molecular Neuroscience (2002), 19(3), 317-320
CODEN: JMNEES; ISSN: 0895-8696
PB Humana Press Inc.
DT Journal; General Review
LA English

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:913673 CAPLUS
DN 138:379087
TI Secretion of apolipoprotein E by brain glia requires protein prenylation
and is suppressed by statins
AU Naidu, Asha; Xu, Qiang; Catalano, Rosanne; Cordell, Barbara
CS Scios Inc., Sunnyvale, CA, 94085, USA
SO Brain Research (2002), 958(1), 100-111
CODEN: BRREAP; ISSN: 0006-8993
PB Elsevier Science B.V.
DT Journal
LA English

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L3 ANSWER 6 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:749206 CAPLUS
DN 138:19912
TI Macrophage colony stimulating factor prevents NMDA-induced neuronal death
in hippocampal ***organotypic*** cultures
AU Vin, Valeria A.

Greer M., Jr.
CS Neuroscience Research Laboratories, Department of Psychiatry and
Behavioral Sciences, Stanford University School of Medicine, Stanford, CA,
94305-5485, USA
SO Journal of Neurochemistry (2002), 82(6), 1388-1397
CODEN: JONRA9; ISSN: 0022-3042
PB Blackwell Science Ltd.
DT Journal
LA English

RE.CNT 75 THERE ARE 75 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:370109 CAPLUS
DN 137:92008
TI Defective neuronal sprouting by human apolipoprotein E4 is a
gain-of-negative function
AU Teter, B.; Xu, P.-T.; Gilbert, J. R.; Roses, A. D.; Galasko, D.; Cole, G.
M.
CS Veterans Administration Greater Los Angeles Healthcare System and
Department of Medicine, University of California, Los Angeles, Sepulveda,
CA, 91343, USA
SO Journal of Neuroscience Research (2002), 68(3), 331-336
CODEN: JNREDK; ISSN: 0360-4012
PB Wiley-Liss, Inc.
DT Journal
LA English

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L3 ANSWER 8 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:280298 CAPLUS
DN 137:135414
TI Proinflammatory effects of M-CSF and A.beta. in hippocampal
organotypic cultures
AU Vincent, Valerie A. M.; Selwood, Simon P.; Murphy, Greer M.
CS Department of Psychiatry and Behavioral Sciences, Neuroscience Research
Laboratories, Stanford University School of Medicine, Stanford, CA,
94305-5485, USA
SO Neurobiology of Aging (2002), 23(3), 349-362
CODEN: NEAGDO; ISSN: 0197-4580
PB Elsevier Science Inc.
DT Journal
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L3 ANSWER 9 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:57231 CAPLUS
DN 136:228948
TI Cells in human postmortem brain tissue slices remain alive for several
weeks in culture
AU Verwer, Ronald W. H.; Hermens, Wim T. J. M. C.; Dijkhuizen, Paul A.; Ter
Brake, Olivier; Baker, Robert E.; Salehi, Ahmad; Sluiter, Arja A.; Kok,
Marloes J. M.; Mueller, Linda J.; Verhaagen, Joost; Swaab, Dick F.
CS Netherlands Institute for Brain Research, Graduate School Neurosciences
Amsterdam, Amsterdam, 1105 AZ, Neth.
SO FASEB Journal (2002), 16(1), 54-60
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:43755 CAPLUS
DN 136:350454
TI Protective activity of aromatic amines and imines against oxidative nerve
cell death
AU Moosmann, Bernd; Skutella, Thomas; Beyer, Klaus; Behl, Christian
CS Max-Planck-Institute of Psychiatry, Munich, D-80804, Germany
SO Biological Chemistry (2001), 382(11), 1601-1612
CODEN: BICHF3; ISSN: 1431-6730
PB Walter de Gruyter GmbH & Co. KG
DT Journal

LA English

RE.CNT 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:744431 CAPLUS

DN 136:277314

TI Marked increase in cyclooxygenase-2 in ALS spinal cord: Implications for therapy

AU Yasojima, K.; Tourtellotte, W. W.; McGeer, E. G.; McGeer, P. L.

CS Kinsmen Laboratory of Neurological Research, Department of Psychiatry, University of British Columbia, Vancouver, BC, V6T 1Z3, Can.

SO Neurology (2001), 57(6), 952-956

CODEN: NEURAI; ISSN: 0028-3878

PB Lippincott Williams & Wilkins

DT Journal

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:613239 CAPLUS

DN 135:302756

TI Overexpression of macrophage colony-stimulating factor receptor on microglial cells induces an inflammatory response

AU Mitrasinovic, Olivera M.; Perez, Grace V.; Zhao, FeiFei; Lee, Yuen Ling; Poon, Clara; Murphy, Greer M., Jr.

CS Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine, Stanford, CA, 94305, USA

SO Journal of Biological Chemistry (2001), 276(32), 30142-30149

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:526231 CAPLUS

DN 135:117243

TI Methods for identifying inhibitors of neuronal degeneration

IN McCarthy, Justin; Cordell, Barbara

PA Scios Inc., USA

SO PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2001051671	A2	20010719	WO 2001-US526	20010108
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	WO 2001051671	A3	20020620		
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W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	US 2002015939	A1	20020207	US 2001-754949	20010104
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PRAI	US 2000-175200P	P	20000110		
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	US 2001-754949	A	20010104		
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L3 ANSWER 14 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:467493 CAPLUS

DN 135:240256

TI Neuroprotective effects of extracellular glutamate are absent in hippocampal ***organotypic*** cultures treated with the amyloid peptide A.beta.25-35

AU Baskys, A.; Adamchik, Y.

CS Department of Physiology, University of Toronto, Toronto, ON, M5T 2S8, Can.

SO Brain Res. (2001), 907(1-2), 100-104

CODEN: BRREAP; ISSN: 0006-8993
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 15 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:436604 CAPLUS
DN 135:178986
TI .beta.-Amyloid activates the mitogen-activated protein kinase cascade via
hippocampal .alpha.7 nicotinic acetylcholine receptors: in vitro and in
vivo mechanisms related to ***Alzheimer*** 's disease
AU Dineley, Kelly T.; Westerman, Marcus; Bui, Duy; Bell, Karen; Ashe, Karen
Hsiao; Sweatt, J. David
CS Division of Neuroscience, Baylor College of Medicine, Houston, TX, 77030,
USA
SO Journal of Neuroscience (2001), 21(12), 4125-4133
CODEN: JNRSDS; ISSN: 0270-6474
PB Society for Neuroscience
DT Journal
LA English
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:363412 CAPLUS
DN 135:56316
TI Melatonin acts as antioxidant and pro-oxidant in an ***organotypic***
slice ***culture*** model of ***Alzheimer*** 's disease
AU Clapp-Lilly, Kimberly L.; Smith, Mark A.; Perry, George; Harris, Peggy L.;
Zhu, Xiongwei; Duffy, Lawrence K.
CS Institute of Arctic Biology and Department of Chemistry, University of
Alaska Fairbanks, Fairbanks, AK, 99775, USA
SO NeuroReport (2001), 12(6), 1277-1280
CODEN: NERPEZ; ISSN: 0959-4965
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:182026 CAPLUS
DN 135:29316
TI Melatonin reduces interleukin secretion in amyloid-.beta. stressed mouse
brain slices
AU Clapp-Lilly, K. L.; Smith, M. A.; Perry, G.; Duffy, L. K.
CS Institute of Arctic Biology, Department of Chemistry and Biochemistry,
University of Alaska Fairbanks, Fairbanks, AK, 99775-6160, USA
SO Chemico-Biological Interactions (2001), 134(1), 101-107
CODEN: CBINA8; ISSN: 0009-2797
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 18 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:140663 CAPLUS
DN 134:158104
TI Nerve growth factor and glial cell line-derived neurotrophic factor
restore the cholinergic neuronal phenotype in ***organotypic*** brain
slices of the basal nucleus of Meynert
AU Weis, C.; Marksteiner, J.; Humpel, C.
CS Laboratory of Psychiatry, Department of Psychiatry, University Hospital
Innsbruck, Innsbruck, A-6020, Austria
SO Neuroscience (Oxford, United Kingdom) (2001), 102(1), 129-138
CODEN: NRSCDN; ISSN: 0306-4522
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 19 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:595544 CAPLUS
 DN 134:84527
 TI Expression of nicotinic acetylcholine receptors in ****Alzheimer**** 's
 disease: postmortem investigations and experimental approaches
 AU Wevers, Andrea; Burghaus, Lothar; Moser, Natasha; Witter, Brigitte;
 Steinlein, Ortrud K.; Schutz, Ulrich; Achnitz, Bernd; Krempel, Udo;
 Nowacki, Sonja; Pilz, Kirsten; Stoodt, Jens; Lindstrom, Jon; De Vos, Rob
 A. I.; Steur, Ernst N. H. Jansen; Schroder, Hannsjorg
 CS Department of Anatomy, Neuroanatomy, University of Cologne, Cologne,
 D-50931, Germany
 SO Behavioural Brain Research (2000), 113(1,2), 207-215
 CODEN: BBREDI; ISSN: 0166-4328
 PB Elsevier Science Ireland Ltd.
 DT Journal
 LA English
 RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:368726 CAPLUS
 DN 133:817
 TI HMG-CoA reductase inhibitors for prevention and treatment of
 amyloid-associated disorders
 IN Cordell, Barbara; Xu, Qiang; Naidu, Asha; Paul, Steven Marc; Bales, Kelly
 Renee
 PA Scios Inc., USA; Eli Lilly and Company
 SO PCT Int. Appl., 46 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000031548	A1	20000602	WO 1999-US27665	19991122
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1133699	A1	20010919	EP 1999-960553	19991122
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	US 6428950	B1	20020806	US 1999-447452	19991122
	JP 2002530122	T2	20020917	JP 2000-584311	19991122
	US 2002155426	A1	20021024	US 2002-172268	20020614
PRAI	US 1998-109910P	P	19981125		
	US 1999-447452	A3	19991122		
	WO 1999-US27665	W	19991122		
RE.CNT	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L3 ANSWER 21 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:119295 CAPLUS
 DN 132:263574
 TI Visualization of beta-amyloid peptide (A.beta.) phagocytosis by human
 mononuclear phagocytes: dependency on A.beta. aggregate size
 AU Weltzien, Robert B.; Pachter, Joel S.
 CS Blood-Brain Barrier Laboratory, Department of Pharmacology, University of
 Connecticut Health Center, Farmington, CT, 06030, USA
 SO Journal of Neuroscience Research (2000), 59(4), 522-527
 CODEN: JNREDK; ISSN: 0360-4012
 PB Wiley-Liss, Inc.
 DT Journal
 LA English
 RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 22 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:314226 CAPLUS
 DN 131:111586
 TI Role of apolipoprotein E and estrogen in mossy fiber sprouting in
 hippocampus

AU Teter, B.; Harris-White, M. E.; Frautschy, S. A.; Cole, G. M.
 CS Greater Los Angeles Veteran's Healthcare System, Sepulveda, and
 Departments of Medicine and Neurology, University of California, Los
 Angeles, Sepulveda, CA, 91343, USA
 SO Neuroscience (Oxford) (1999), 91(3), 1009-1016
 CODEN: NRSCDN; ISSN: 0306-4522
 PB Elsevier Science Ltd.
 DT Journal
 LA English

RE.CNT 84 THERE ARE 84 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 23 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:123573 CAPLUS
 DN 130:323854
 TI Nicotinic receptors in ***Alzheimer*** 's disease - from autopsy
 studies to ***organotypic*** culture models
 AU Wevers, A.; Moser, N.; Schutz, U.; Steinlein, O.; Lindstrom, J.; Devos,
 R.; Giacobini, E.; Maelicke, A.; Schroder, H.
 CS Department of Anatomy, Neuroanatomy, University of Koln, Koln, D-50931,
 Germany
 SO International Journal of Geriatric Psychopharmacology (1998), 1(3),
 158-163
 CODEN: IJGPFT; ISSN: 1364-8233
 PB Stockton Press
 DT Journal
 LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 24 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:35559 CAPLUS
 DN 130:177920
 TI Effects of transforming growth factor-.beta. (isoforms 1-3) on
 amyloid-.beta. deposition, inflammation, and cell targeting in
 organotypic hippocampal ***slice*** ***cultures***
 AU Harris-White, Marni E.; Chu, Teresa; Balverde, Zerlinde; Sigel, Jason J.;
 Flanders, Kathleen C.; Frautschy, Sally A.
 CS Department of Medicine, University of California Los Angeles, Sepulveda,
 CA, 91343, USA
 SO Journal of Neuroscience (1998), 18(24), 10366-10374
 CODEN: JNRSDS; ISSN: 0270-6474
 PB Society for Neuroscience
 DT Journal
 LA English

RE.CNT 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 25 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:675133 CAPLUS
 DN 129:270601
 TI ***Organotypic*** brain slice culturing methods to identify
 .beta.-amyloid reducing agents
 IN Cordell, Barbara; Higgins, Linda Slanec
 PA Scios, Inc., USA
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9843094	A1	19981001	WO 1998-US5363	19980319
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 6221670	B1	20010424	US 1997-821876	19970321
AU 9865671	A1	19981020	AU 1998-65671	19980319
EP 970379	A1	20000112	EP 1998-911801	19980319
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

JP 2002508834 T2 20020319 JP 1998-545795 19980319
PRAI US 1997-821876 A 19970321
WO 1998-US5363 W 19980319

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 26 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:649784 CAPLUS

DN 130:64678

TI Amyloid .beta.-peptide alters the profile of antioxidant enzymes in
hippocampal cultures in a manner similar to that observed in

Alzheimer 's disease

AU Bruce, Annadora J.; Bose, Soma; Fu, Weiming; Butt, Christopher M.;
Mirault, Marc-Edouard; Taniguchi, Naoyuki; Mattson, Mark P.

CS Sanders-Brown Research Center on Aging and Department of Anatomy and
Neurobiology, University of Kentucky Medical Center, Lexington, KY,
40536-0230, USA

SO Pathogenesis (1997), 1(1), 15-30

CODEN: PATHFG; ISSN: 1024-5359

PB Harwood Academic Publishers

DT Journal

LA English

RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 27 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:620066 CAPLUS

DN 129:327098

TI Regional selective neuronal degeneration after protein phosphatase
inhibition in hippocampal ***slice*** ***cultures*** : evidence for
a MAP kinase-dependent mechanism

AU Runden, Elise; Seglen, Per O.; Haug, Finn-Mogens; Ottersen, Ole Petter;
Wieloch, Tadeusz; Shamloo, Mehrdad; Laake, Jon Henrik

CS Department of Anatomy, University of Oslo, Oslo, 0317, Norway

SO Journal of Neuroscience (1998), 18(18), 7296-7305

CODEN: JNRSDS; ISSN: 0270-6474

PB Society for Neuroscience

DT Journal

LA English

RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 28 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:469078 CAPLUS

DN 129:243579

TI Amyloid .beta. protein is internalized selectively by hippocampal field
CA1 and causes neurons to accumulate amyloidogenic C-terminal fragments of
the amyloid precursor protein

AU Bahr, Ben A.; Hoffman, Keith B.; Yang, Austin J.; Hess, Ursula S.; Glabe,
Charles G.; Lynch, Gary

CS Cortex Pharmaceuticals, Inc., Irvine, CA, 92618, USA

SO Journal of Comparative Neurology (1998), 397(1), 139-147

CODEN: JCNEAM; ISSN: 0021-9967

PB Wiley-Liss, Inc.

DT Journal

LA English

RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 29 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:336341 CAPLUS

DN 129:91629

TI Diffusible, nonfibrillar ligands derived from A.beta.1-42 are potent
central nervous system neurotoxins

AU Lamber, M. P.; Barlow, A. K.; Chromy, B. A.; Edwards, C.; Freed, R.;
Liosatos, M.; Morgan, T. E.; Rozovsky, I.; Trommer, B.; Viola, K. L.;
Wals, P.; Zhang, C.; Finch, C. E.; Krafft, G. A.; Klein, W. L.

CS Dep. Neurobiology Physiology, Northwestern Univ., Evanston, IL, 60208, USA

SO Proceedings of the National Academy of Sciences of the United States of
America (1998), 95(11), 6448-6453

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 30 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:272938 CAPLUS
DN 126:338954
TI Neuroprotection against oxidative stress by estrogens: structure-activity relationship
AU Behl, Christian; Skutella, Thomas; Lezoualc'h, Frank; Post, Anke; Widmann, Martina; Newton, Christopher J.; Holsboer, Florian
CS Max Planck Institute of Psychiatry, Clinical Institute, Munich, 80804, Germany
SO Molecular Pharmacology (1997), 51(4), 535-541
CODEN: MOPMA3; ISSN: 0026-895X
PB Williams & Wilkins
DT Journal
LA English

L3 ANSWER 31 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:595010 CAPLUS
DN 125:297900
TI ***Alzheimer*** 's disease amyloid precursor protein on the surface of cortical neurons in primary culture co-localizes with adhesion patch components
AU Storey, Elsdon; Beyreuther, Konrad; Masters, Colin L.
CS Department of Pathology, University of Melbourne, Parkville, Victoria, 3052, Australia
SO Brain Research (1996), 735(2), 217-231
CODEN: BRREAP; ISSN: 0006-8993
PB Elsevier
DT Journal
LA English

L3 ANSWER 32 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:286905 CAPLUS
DN 125:7353
TI Neurocytopathic effects of .beta.-amyloid-stimulated monocytes: A potential mechanism for central nervous system damage in ***Alzheimer*** disease
AU London, Jill A.; Biegel, Diane; Pachter, Joel S.
CS Dep. Physiol., Univ. Connecticut Health Cent., Farmington, CT, 06030, USA
SO Proceedings of the National Academy of Sciences of the United States of America (1996), 93(9), 4147-4152
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English

L3 ANSWER 33 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:180742 CAPLUS
DN 124:279072
TI .beta.-Amyloid toxicity in ***organotypic*** hippocampal cultures: protection by EUK-8, a synthetic catalytic free radical scavenger
AU Bruce, Annadora J.; Malfroy, Bernard; Baudry, Michel
CS Neurosci. Program, Univ. Southern California, Los Angeles, CA, 90089-2520, USA
SO Proceedings of the National Academy of Sciences of the United States of America (1996), 93(6), 2312-16
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English

L3 ANSWER 34 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:144297 CAPLUS
DN 124:194969
TI The role of neurotrophic factors in the process of adaptation in the nervous system
AU Akoev, G. N.; Chalisova, N. I.
CS Lab. of the reception physiology, Pavlov Inst. of Physiology RAS, St. Petersburg, Russia
SO Fiziologicheskii Zhurnal imeni I. M. Sechenova (1995), 81(8), 12-17
CODEN: FZSEEW; ISSN: 0869-8139
PB Nauka
DT Journal
LA Russian

L3 ANSWER 35 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:940302 CAPLUS
 DN 124:52649
 TI Beta amyloid is neurotoxic in hippocampal ***slice*** ***cultures***
 AU Harrigan, Mark R.; Kunkel, Dennis D.; Nguyen, Loan B.; Malouf, Alfred T.
 CS Department Neurological surgery, University Washington, Seattle, WA,
 98195-6470, USA
 SO Neurobiology of Aging (1995), 16(5), 779-89
 CODEN: NEAGDO; ISSN: 0197-4580
 PB Elsevier
 DT Journal
 LA English

L3 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1995:915760 CAPLUS
 TI Long-term hippocampal slices: a model system for investigating synaptic
 mechanisms and pathologic processes
 AU Bahr, B. A.
 CS Center for the Neurobiology of Learning and Memory, University of
 California, Irvine, CA, USA
 SO Journal of Neuroscience Research (1995), 42(3), 294-305
 CODEN: JNREDK; ISSN: 0360-4012
 PB Wiley-Liss
 DT Journal
 LA English

L3 ANSWER 37 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1993:166580 CAPLUS
 DN 118:166580
 TI RNA metabolism in human brain during aging and in ***Alzheimer*** 's
 disease. RNA synthesis in the nuclei isolated from postmortem brain tissue
 AU Sajdel-Sulkowska, Elizabeth M.
 CS Neurobiol. Lab., Massachusetts Gen. Hosp., Boston, MA, USA
 SO Advances in Behavioral Biology (1992), 40(Treat. Dementias), 397-406
 CODEN: ADBBBW; ISSN: 0099-6246
 DT Journal
 LA English

L3 ANSWER 38 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1993:53738 CAPLUS
 DN 118:53738
 TI Effect of beta amyloid peptides on neurons in hippocampal ***slice***
 cultures
 AU Malouf, Alfred T.
 CS Dep. Neurol. Surg., Univ. Washington, Seattle, WA, 98195, USA
 SO Neurobiology of Aging (1992), 13(5), 543-51
 CODEN: NEAGDO; ISSN: 0197-4580
 DT Journal
 LA English

L3 ANSWER 39 OF 39 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1991:76559 CAPLUS
 DN 114:76559
 TI Exogenous aluminum accumulates in the lysosomes of cultured rat cortical
 neurons
 AU Stekhoven, J. H. Schuurmans; Renkawek, K.; Otte-Holler, I.; Stols, A.
 CS Inst. Pathol., Univ. Hosp. Nijmegen, Nijmegen, 6500 HB, Neth.
 SO Neuroscience Letters (1990), 119(1), 71-4
 CODEN: NELED5; ISSN: 0304-3940
 DT Journal
 LA English

=> S L3 AND cathepsin D
 12658 CATHEPSIN
 2538 CATHEPSINS
 13126 CATHEPSIN
 (CATHEPSIN OR CATHEPSINS)
 2024674 D
 4303 CATHEPSIN D
 (CATHEPSIN(W)D)
 L4 0 L3 AND CATHEPSIN D

=> S L1 AND lysosome
 17028 LYSOSOME
 14785 LYSOSOMES
 22011 LYSOSOMES

(LYSOSOME OR LYSOSOMES)

L5 8 L1 AND LYSOSOME

=> D L5 1-8

L5 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:181594 CAPLUS
DN 136:336422
TI Bismuth tracing in ***organotypic*** cultures of rat hippocampus
AU Locht, Linda J.; Munkoe, Lene; Stoltenberg, Meredin
CS Institute of Anatomy, Department of Neurobiology, University of Aarhus,
Aarhus, DK-8000, Den.
SO Journal of Neuroscience Methods (2002), 115(1), 77-83
CODEN: JNMEDT; ISSN: 0165-0270
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:8842 CAPLUS
DN 134:160595
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AU Torres-Quintana, Maria Angelica; Lecolle, Sylvie; Goldberg, Michel
CS Laboratoire de Biologie et Physiopathologie Cranio-faciales. Groupe
Matrices Extracellulaires et Biomineralisations, Universite Rene
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CS I. P. Pavlov Inst. Physiol., Leningrad, USSR
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CS Albert Einstein Coll. Med., Yeshiva Univ., Bronx, NY, 10461, USA
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AU Pouyet, Jean Claude; Hourdry, Jacques
CS Lab. Biol.-Vertebr., Univ. Paris-Sud, Orsay, Fr.
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